

3. Specify the level of simulation that goes into your currently-generated sensitivity estimates. For example:

a) How is energy resolution treated? Give a plot of the assumed energy resolution (electron energy and neutrino energy) vs. energy.

b) How is the selection of QE events treated?

c) How is the rejection of  $\pi^0$ 's modeled?

4. What near detector location/size/technology/performance/cost is assumed/needed to achieve the assumed systematic errors?

5. If possible, for comparison purposes, use the same methodologies to make parallel sensitivity estimates for NoVA (single detector) and T2K. What sensitivity for NoVA do you calculate for the same number of p.o.t. assumed in question 1?

6. All sensitivity calculations for off-axis configurations must include events from neutrinos in the high-energy peak from kaon decay.

7. What detector technologies are still worth pursuing for a 2nd off-axis detector – Liquid scintillator? Water Cerenkov? Liquid Argon? Other?